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SINGLE-COMPONENT POLYORGANOSILOXANE (POS) COMPOSITIONS  
WHICH CROSSLINK TO FORM ELASTOMERS BY MEANS OF  
POLYCONDENSATION REACTIONS AT AMBIENT TEMPERATURE AND  
IN THE PRESENCE OF WATER, AND ELASTOMERS THUS OBTAINED

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#### ABSTRACT

The field of the invention is that of single-component silicone compositions which are stable on storage in the absence of moisture and which crosslink by polycondensation reactions catalyzed using a mixed titanium/metal catalyst to give nonyellowing elastomers which adhere to various supports, the reactions being carried out at ambient temperature and in the presence of water.

Each single-component POS composition comprises: 100 parts by weight of linear diorganopolysiloxane(s) **A** functionalized at the chain ends by functional group  $R^{fo}$  of alkoxy, acyloxy, iminoxy or enoxy type; 0 to 30 parts by weight of polysiloxane resin(s) **B**; 0 to 15 parts by weight of crosslinking agent(s) **C**; 0 to 2 parts by weight of aliphatic alcohol(s) **E**; 0 to 30 parts by weight of nonfunctionalized and unreactive linear diorganopolysiloxane(s) **F**; 2 to 40 parts by weight of inorganic filler **G**; 0 to 20 parts by weight of auxiliary agent(s) **H**; and 1 to 150  $\mu\text{g.at}$  (microgram atom) of the metals  $M1 + M2$  per 1 g of single-component POS composition, where  $M1$  is chosen from titanium, zirconium and their mixtures and  $M2$  is chosen from zinc, aluminum, boron, bismuth and their mixtures.